In the Title

REMOVABLE ~~RECORDING~~ STORAGE MEDIUM

In the Specification

Please replace paragraphs [0001] and [0002] with the following:

Related Application

This is a continuation of International Application No. PCT/FR02/01291, with an international filing date of April 12, 2002 (WO 02/084572 A2, published October 24, 2002), which is based on French Patent Application No. 01/05051, filed April 12, 2001.

Field of the Invention

~~The present~~ This invention pertains to the field of recording storage media and notably of the removable CD-ROM type.

Background

Known in the state of the art is an American patent describing a method intended for the initialization of a computer from a removable disk unit, and suitable for an environment in which ~~said~~ the removable disk unit is configured as the hard disk unit of the computer. This removable disk unit reacts to the self-test state upon startup as if it contained a data storage medium irrespective of whether or not there is a storage medium in the unit. Thus, ~~said~~ the removable disk unit is recognized by the basic input-output system (BIOS). Moreover, a replacement master initialization register is provided to the computer from a read-only memory contained in the removable disk unit in response to a query regarding the master initialization register of the information storage medium.

Please replace paragraphs [0005] and [0006] with the following:

~~The goal of the present invention is to propose~~ Therefore, it would be advantageous to provide a storage medium enabling startup on an independent operating system and operation of applications resident on the storage medium or on an external storage medium accessible via a

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network, without affecting any resource of the host equipment.

~~For this purpose, the invention pertains according to its most general sense to a removable information storage medium according to claim 1.~~

Summary of the Invention

This invention relates to a removable information storage medium including at least one computer program for displaying and processing information recorded on the storage medium and information recorded on a server accessible via a telecommunication network, wherein the medium can be operated by host equipment including a reader; at least one specific operating system independent of the operating system of the host equipment, the specific operating system replacing on a temporary basis the operating system of the host equipment and including an integration of computer resources for operating the computer program, an integration of drivers controlling peripheral network access devices and peripheral input/output devices for a user interface, the specific operating system not operating drivers of the host equipment, nor modifying any system, any program nor any driver of the host equipment, nor an automatic recognition and activation system upon startup of the peripheral devices launched on the host equipment and required for host equipment; means for implementing upon detection by the host equipment of the presence of the storage medium in the reader, at least the startup and the loading of the specific operating system and the drivers launched, the specific operating system starting up from a removable storage medium being autonomous and immutable.

Please replace paragraph [0007] with the following:

Detailed Description

~~This~~ The storage medium comprises at least one computer application launched for the

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display and processing of information recorded on ~~said~~ the storage medium and information recorded on a server accessible via a telecommunication network, ~~said~~ the storage medium being such that it can be operated by host equipment comprising a suitable reader~~.; this~~ The storage medium ~~being characterized in that it furthermore~~ also comprises at least one specific operating system independent of the operating system of the host equipment~~.; this~~ This specific operating system ~~replacing~~ replaces on a temporary basis the operating system of the host equipment and ~~comprising~~ comprises the integrality of the computer resources for the operating of ~~said~~ the launched application, as well as the integrality of the drivers for controlling the peripheral network access devices, ~~as well as~~ the peripheral input/output devices for the user interface [keyboard, mouse, screen, printer, etc.], the specific operating system not operating the drivers of the host equipment, nor modifying any system, any program nor any driver of the host equipment, as well as an automatic recognition and activation system upon startup of the peripheral devices launched on the host equipment and required for its operation~~.; the~~ The storage medium ~~comprising moreover~~ also comprises a means for implementing upon detection by the host equipment of the presence of ~~said~~ the storage medium in the reader, at least the startup and the loading of the specific operating system and the drivers launched, the specific operating system starting up from a removable storage medium being autonomous and immutable.

Please replace paragraph [0011] with the following:

According to a first variant, the storage medium ~~presents~~ has a rewritable zone for the personalization of the information and a non-rewritable zone for recording specific computer resources.

Please replace paragraph [0021] with the following:

It advantageously includes personalization information in a non-rewritable zone for the generation of a private key by an algorithm recorded in the non-rewritable zone and taking into account said personalization zone and an information element [paraphrase] captured by the user of the host equipment.

Please replace paragraph [0023] with the following:

According to still another variant, it comprises means for implementing a partition of the hard disk of the host equipment and for controlling the reading and recording of data in ~~said~~ the partition of the hard disk solely to the exclusion of the other partitions of the hard disk.

Please replace paragraphs [0025] through [0027] with the following:

The invention also pertains to a system comprising a master removable information storage medium that is remarkable in that it ~~moreover~~ comprises at least one other slave information storage medium comprising a navigator and the protocols for access to a communication network by a host equipment to another operating equipment, the slave information storage medium not comprising means for autonomous operation.

The invention also pertains to a system comprising a removable information storage medium that is remarkable in that it incorporates a process that can limit or augment access to the information and services that it contains in time and/or in number of accesses.

The invention also pertains to a system comprising a removable information storage medium that is remarkable in that it incorporates multiple specific operating systems addressing multiple distinct computer processor and physical platforms, allowing it to start up on each of ~~said~~ the distinct processor and physical platforms.

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Please replace paragraphs [0030] and [0031] with the following:

Once a user has booted in this new environment, ~~he~~ the user has access to services such as:

• Dialing of a preconfigured telephone number of an access provider by a single click of the mouse; once the computer is connected a navigator is launched and provides access to a determined Internet site.

• A maximum of software components are launched to provide access to:

• Flash sequences, Shockwave, RealPlayer, MP3, Media Player, ActiveX, QuickTime, WAP, SMIL, etc.

• The navigator is compatible: HTML 4, Java, Java Script, Javaservlets, CSS, XML, DHTML, SSL with 128-bit encryption (secure banking transactions), Net2Phone (voice on IP), NetMeeting, H320 and H323 (videoconferencing), T120 (sharing a whiteboard), provide access to news groups, chat with ICQ compatibility, AIM, Microsoft Messenger.

• The messaging service is compatible: POP3, IMAP4, Webmail, identification by PKI key, etc.

• Reading files: jpeg, tiff, giff, svg, png, bmp, pdf, eps, etc.

• FTP transfer function so that the user can protect his documents created on the disk of his Internet Access Provider (virtual disk function).

• Text processing.

• Calendar.

• Audio CD reader, MP3 reader.

• Euro calculator.

• Calorie calculator.

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Multiple IAP accounts are registered and offered to the user such that in the case of saturation of an IAP's network, ~~he~~ the user can immediately transfer to another IAP.

Please replace paragraphs [0038] and [0039] with the following:

• One screen gives the user a choice between an RTC or LAN connection which ~~he~~ the user must validate.

• After having validated an RTC connection, a dialer displays a list of Internet Access Providers (IAP) from which the user selects and validates. Upon validation, the dialer enters the IAP access number and transmits the following information so as to identify the holder of the IPX card which is connected:

· Identifier/User's connection login

· Connection password

· Telephone number of the IAP for the connection

· Primary DNS

· Secondary DNS

· Domain name

• The user has the possibility of configuring ~~his~~ a personal account maintained by ~~his~~ an IAP ~~in order~~ to have access to ~~his~~ the personal accounting account. The user manually validates the following points:

· Identifier/User's connection login

· Connection password

· Telephone number for the connection

· Primary DNS

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· Secondary DNS

· Domain name

· User's e-mail address

· Message service login

· Message service password

· SMTP server (transmission of mail)

· POP3 server (receipt of mail)

· News server (news group)

• After the selection has been made, the dialer inputs the IAP number; while the user is waiting, the screen informs ~~him~~ the user that ~~he will be connected~~ the connection to the Internet will be made shortly.

Please replace paragraph [0044] with the following:

If there is no DHCP server on the network, the user must ask ~~his~~ the administrator to provide all of these parameters ~~in order~~ to be connected.